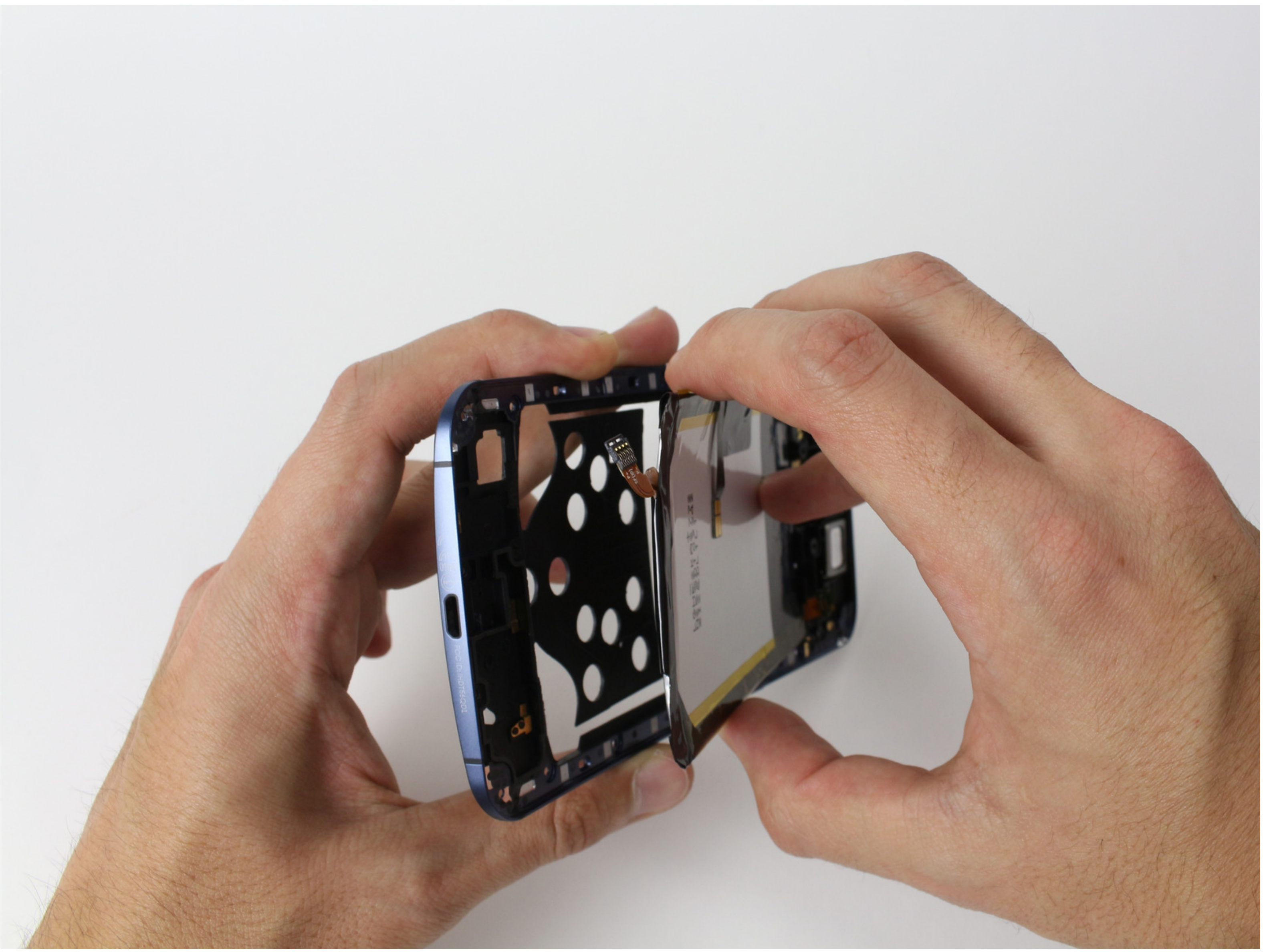
Nexus 6 Battery Replacement

This guide will show how to disassemble the Nexus 6 to get to the battery and replace it.

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INTRODUCTION

If your phone won’t turn on or stay on, even after charging it, you may consider replacing the battery. This guide will show you how to remove the battery of the Nexus 6 in order to install a new one.

TOOLS:

- Paper Clip (1)
- T3 Torx Screwdriver (1)
- Tweezers (1)
- SIM Card Eject Tool (1)
- Spudger (1)
- iFixit Opening Picks set of 6 (1)

PARTS:

- Nexus 6 Replacement Battery (1)
- Nexus 6 Rear Panel (1)
- Nexus 6 Midframe (1)
- Nexus 6 Charging Coil (1)

Step 1 — SIM Card



- With a SIM card eject tool (a paperclip will work as well), push down on the hole at the top of the phone until the SIM card holder releases. This should not take much pressure.
- Remove the SIM card and the SIM card holder.

Step 2 — Rear Case



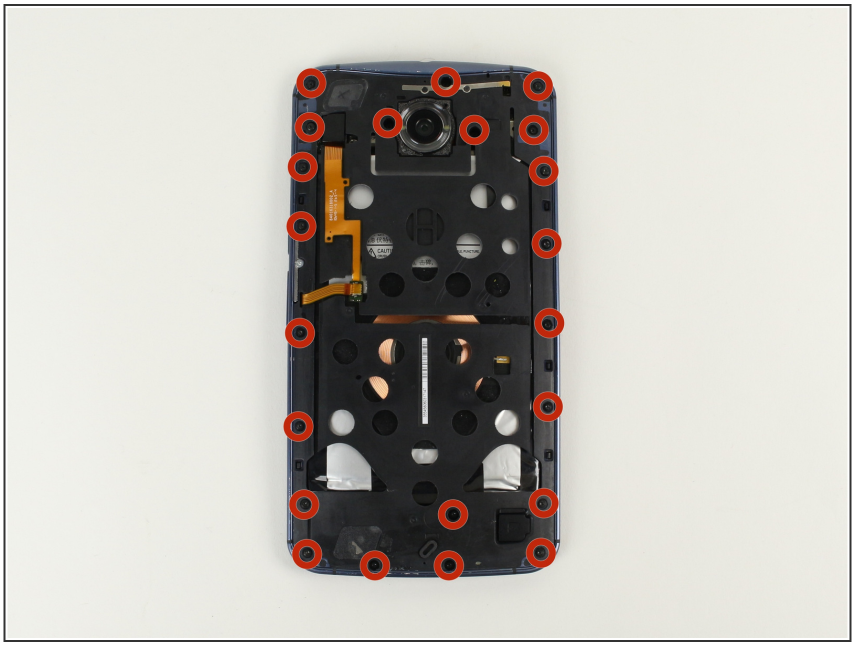


- Lay out a soft cloth on your workspace to prevent scratching the screen in this and future steps.
- Pry open the back casing using the soft plastic opening pick.
  - ⚠ Be careful of the Power & Volume Key ribbon on the left side just next to the volume key. The ribbon is exposed and could be damaged with the opening tool.
- Carefully pull the back casing apart from the rest of the phone with your hands. Because the casing is glued to the rest of the phone, this step may require some force. Don't be alarmed if the casing flexes a bit.

ⓘ You may need an iOpener to loosen up the adhesive. Check out the iOpener Instructions for info on how to use it.

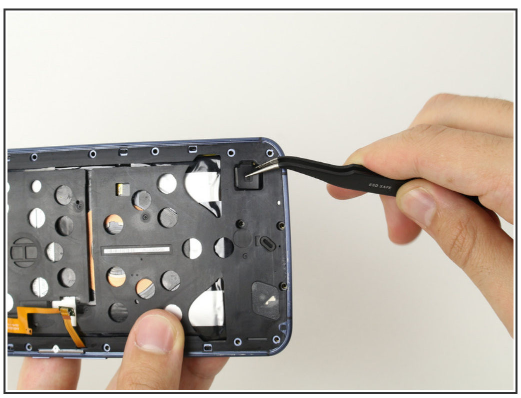
ⓘ You can use a Small Suction Cup on the bottom corner to slightly lift up the back casing and help slipping the tool under the cover.

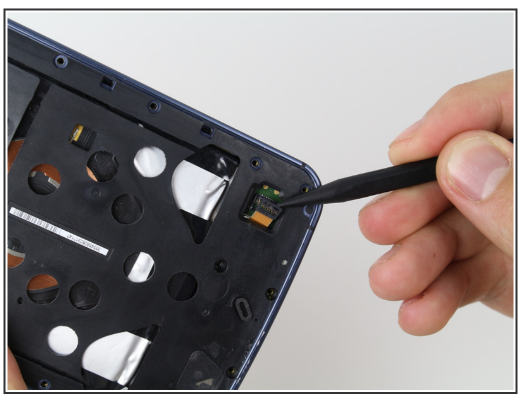
Step 3



- Remove the twenty-two 2.3 mm T3 Torx screws with the T3 Torx Screwdriver.

Step 4

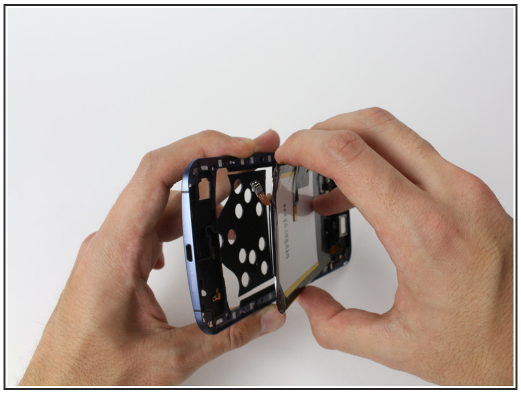


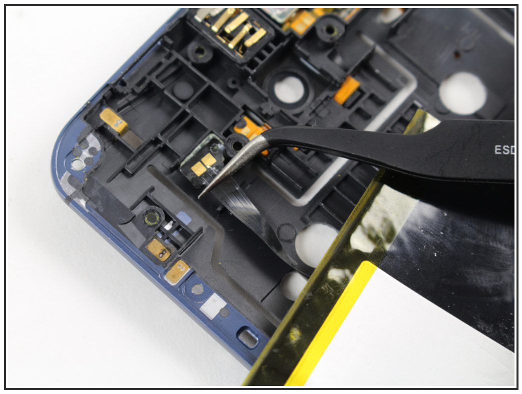


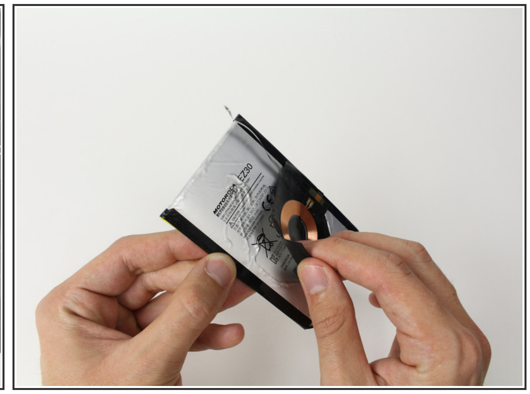


- With tweezers, remove the rubber protector on the lower part of the phone.
- With a spudger, unlatch the ZIF connector revealed. See instructions for detatching ZIF connectors here.
- Completely separate the battery side from the motherboard side by gently pulling the sides apart with your hands.

Step 5 — Battery Disassembly







- With your hands, pull the battery away from the rest of the casing.
- Using tweezers, unplug the battery connector.
- Carefully peel off the charging coil.
- Replace the battery with a new one.

To reassemble your device, follow these instructions in reverse order.

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